

Title (en)
METHODS FOR PREPARING ANALYTES AND RELATED KITS

Title (de)
VERFAHREN ZUR HERSTELLUNG VON ANALYTEN UND ZUGEHÖRIGE KITS

Title (fr)
PROCÉDÉS DE PRÉPARATION D'ANALYTES ET KITS ASSOCIÉS

Publication
EP 3963070 A4 20230222 (EN)

Application
EP 20798020 A 20200410

Priority
• US 201962840675 P 20190430
• US 2020027840 W 20200410

Abstract (en)
[origin: WO2020223000A1] Provided herein are methods for preparing and treating an analyte (e.g., a macromolecule or a plurality of macromolecules, peptides, polypeptides, and proteins) for analysis. In some embodiments, the analyte is prepared and treated in a method that includes the use of bait and capture nucleic acids, solid supports, and reaction mixtures including the bait and capture nucleic acids. In some embodiments, the analyte is coupled to a solid support. Also provided are kits containing components for performing the provided methods for preparing the analytes. In some embodiments, the methods are for preparing an analyte for sequencing. Provided herein are methods for preparing and treating an analyte (e.g., a macromolecule or a plurality of macromolecules, peptides, polypeptides, and proteins) for analysis. In some embodiments, the analyte is prepared and treated in a method that includes the use of bait and capture nucleic acids, solid supports, and reaction mixtures including the bait and capture nucleic acids. In some embodiments, the analyte is coupled to a solid support. Also provided are kits containing components for performing the provided methods for preparing the analytes. In some embodiments, the methods are for preparing an analyte for sequencing.

IPC 8 full level
C12N 15/10 (2006.01); **C12Q 1/6806** (2018.01); **C12Q 1/6869** (2018.01); **C40B 70/00** (2006.01); **G01N 33/58** (2006.01)

CPC (source: EP US)
C07K 19/00 (2013.01 - EP); **C12N 15/1065** (2013.01 - EP US); **C12N 15/1093** (2013.01 - EP)

C-Set (source: EP)
C12N 15/1093 + **C12Q 2563/179**

Citation (search report)
• [X1] WO 2017192633 A1 20171109 - PROCURE LIFE SCIENCES INC [US]
• [A] US 2009018025 A1 20090115 - SHAO WEI [CN], et al
• See also references of WO 2020223000A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
WO 2020223000 A1 20201105; AU 2020267119 A1 20211118; CA 3138367 A1 20201105; CN 114072499 A 20220218;
EP 3963070 A1 20220309; EP 3963070 A4 20230222; JP 2022530966 A 20220705; US 11634709 B2 20230425; US 2022049246 A1 20220217;
US 2023279386 A1 20230907

DOCDB simple family (application)
US 2020027840 W 20200410; AU 2020267119 A 20200410; CA 3138367 A 20200410; CN 202080031904 A 20200410;
EP 20798020 A 20200410; JP 2021564491 A 20200410; US 202117458199 A 20210826; US 202318190001 A 20230324